

PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

To:

LEE, Chae-hyung

5-623, Hyochang-dong Yongsan-gu Seoul 140-896 Republic
of Korea

PCT

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

(PCT Rule 43bis.1)

Date of mailing

(day/month/year)

17 MAY 2006 (17.05.2006)

Applicant's or agent's file reference

NP051105PCT

FOR FURTHER ACTION

See paragraph 2 below

International application No.

PCT/KR2005/004052

International filing date (day/month/year)

30 NOVEMBER 2005 (30.11.2005)

Priority date(day/month/year)

05 SEPTEMBER 2005 (05.09.2005)

International Patent Classification (IPC) or both national classification and IPC

B67D 3/04(2006.01)i

Applicant

BARFLEX CORPORATION et al

1. This opinion contains indications relating to the following items:



Box No. I

Basis of the opinion



Box No. II

Priority



Box No. III

Non-establishment of opinion with regard to novelty, inventive step and industrial applicability



Box No. IV

Lack of unity of invention



Box No. V

Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement



Box No. VI

Certain documents cited



Box No. VII

Certain defects in the international application



Box No. VIII

Certain observations on the international application

2. **FURTHER ACTION**

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.
For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/KR



Korean Intellectual Property Office
920 Dunsan-dong, Seo-gu, Daejeon
302-701, Republic of Korea

Facsimile No. 82-42-472-7140

Date of completion of this opinion

17 MAY 2006 (17.05.2006)

Authorized officer

JANG, GI JEONG

Telephone No.82-42-481-8141



**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

PCT/KR2005/004052

Box No. I Basis of this opinion

1. With regard to the **language**, this opinion has been established on the basis of :

- ☒ the international application in the language in which it was filed
- ☐ a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))

2. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:

a. type of material

- ☐ a sequence listing
- ☐ table(s) related to the sequence listing

b. format of material

- ☐ on paper
- ☐ in electronic form

c. time of filing/furnishing

- ☐ contained in the international application as filed.
- ☐ filed together with the international application in electronic form.
- ☐ furnished subsequently to this Authority for the purposes of search.

3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

4. Additional comments:

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

PCT/KR2005/004052

**Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability;
citations and explanations supporting such statement**

1. Statement

Novelty (N)	Claims	1-13	YES
	Claims	None	NO
Inventive step (IS)	Claims	1-13	YES
	Claims	None	NO
Industrial applicability (IA)	Claims	1-13	YES
	Claims	None	NO

2. Citations and explanations :

Reference is made to the following document:

D1: US 4,905,875 A (STRAITON) 6 Mar. 1990

(1) Novelty (N) & Inventive Step (IS)

Claim 1 of the present application relates to a liquid dispensing apparatus capable of regulating a discharged amount of a liquid, comprising a liquid dispensing operation section (400), a cover (200), a liquid dispensing section (500), and a lever (300). The liquid dispensing operation section (400), and the liquid dispensing section (500) of claim 1 are not disclosed in D1 which relates to a liquid dispensing adaptor for disposable spigots. Accordingly, claim 1 is not anticipated by the prior art. Therefore, the subject matter of claim 1 is considered to be novel under PCT Article 33(2). Claims 2-13 are dependent on claim 1, and consequently the subject matter of claims 2-13 is also considered to be novel.

The liquid dispensing operation section (400) and the liquid dispensing section (500) as defined in claims 1-13 of the present application would not have been obvious to a person skilled in the art. Therefore, the subject matter of claims 1-13 is also considered to involve an inventive step under PCT Article 33(3).

(2) Industrial applicability (IA)

Claims 1 to 13 meet the criteria set out in PCT Article 33(4), because the claimed invention is directed to a dispenser which can be made and used in industry.